Beate St Pourcain

List of Publications by Year
in descending order

125 papers	19,248 citations	16437 64 h-index	15716 125 g-index
147 all docs	147 docs citations	147 times ranked	29268 citing authors

#	Article	IF	Citations
1	Developmental trajectories of autistic social traits in the general population. Psychological Medicine, 2023, 53, 814-822.	2.7	10
2	Polygenic risk for mental disorder reveals distinct association profiles across social behaviour in the general population. Molecular Psychiatry, 2022, 27, 1588-1598.	4.1	13
3	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. Nature Genetics, 2022, 54, 437-449.	9.4	215
4	Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes. BMC Medical Genomics, 2022, 15, .	0.7	2
5	Genome-wide association study reveals new insights into the heritability and genetic correlates of developmental dyslexia. Molecular Psychiatry, 2021, 26, 3004-3017.	4.1	56
6	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	6.2	79
7	The developmental origins of genetic factors influencing language and literacy: Associations with earlyâ€childhood vocabulary. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 728-738.	3.1	14
8	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
9	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. Human Molecular Genetics, 2021, 30, 393-409.	1.4	32
10	The developmental genetic architecture of vocabulary skills during the first three years of life: Capturing emerging associations with later-life reading and cognition. PLoS Genetics, 2021, 17, e1009144.	1.5	5
11	Genetic association study of childhood aggression across raters, instruments, and age. Translational Psychiatry, 2021, 11, 413.	2.4	31
12	Multivariate genome-wide covariance analyses of literacy, language and working memory skills reveal distinct etiologies. Npj Science of Learning, 2021, 6, 23.	1.5	3
13	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. Behavior Genetics, 2021, 51, 592-606.	1.4	13
14	Discordant associations of educational attainment with ASD and ADHD implicate a polygenic form of pleiotropy. Nature Communications, 2021, 12, 6534.	5.8	3
15	Evaluating shared genetic influences on nonsyndromic cleft lip/palate and oropharyngeal neoplasms. Genetic Epidemiology, 2020, 44, 924-933.	0.6	6
16	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	6.0	450
17	Investigating genetic links between graphemeâ€“colour synaesthesia and neuropsychiatric traits. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190026.	1.8	12
18	Low-frequency variation in TP53 has large effects on head circumference and intracranial volume. Nature Communications, 2019, 10, 357.	5.8	30

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19	Disentangling polygenic associations between attention-deficit/hyperactivity disorder, educational attainment, literacy and language. Translational Psychiatry, 2019, 9, 35.	2.4	25
20	Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. Translational Psychiatry, 2019, 9, 77.	2.4	82
21	Identification of common genetic risk variants for autism spectrum disorder. Nature Genetics, 2019, 51, 431-444.	9.4	1,538
22	Genetic evidence for assortative mating on alcohol consumption in the UK Biobank. Nature Communications, 2019, 10, 5039.	5.8	48
23	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
24	Evidence for DNA methylation mediating genetic liability to non-syndromic cleft lip/palate. Epigenomics, 2019, 11, 133-145.	1.0	25
25	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. Current Biology, 2019, 29, 120-127.e5.	1.8	86
26	The development of autistic social traits across childhood and adolescence in males and females. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 1143-1151.	3.1	62
27	Developmental Changes Within the Genetic Architecture of Social Communication Behavior: A Multivariate Study of Genetic Variance in Unrelated Individuals. Biological Psychiatry, 2018, 83, 598-606.	0.7	30
28	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
29	Investigating the shared genetics of non-syndromic cleft lip/palate and facial morphology. PLoS Genetics, 2018, 14, e1007501.	1.5	44
30	Association between polygenic risk scores for attention-deficit hyperactivity disorder and educational and cognitive outcomes in the general population. International Journal of Epidemiology, 2017, 46, dyw216.	0.9	50
31	Shared genetic influences between dimensional ASD and ADHD symptoms during child and adolescent development. Molecular Autism, 2017, 8, 18.	2.6	73
32	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. American Journal of Human Genetics, 2017, 100, 865-884.	2.6	131
33	Joint developmental trajectories of internalizing and externalizing disorders between childhood and adolescence. Development and Psychopathology, 2017, 29, 919-928.	1.4	66
34	LD Hub: a centralized database and web interface to perform LD score regression that maximizes the potential of summary level GWAS data for SNP heritability and genetic correlation analysis. Bioinformatics, 2017, 33, 272-279.	1.8	822
35	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	13.7	1,204
36	A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Pediatric Cohorts. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 896-905.e6.	0.3	112

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37	A genomeâ€wide approach to children's aggressive behavior: The EAGLE consortium. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 562-572.	1.1	153
38	Assortative mating on educational attainment leads to genetic spousal resemblance for polygenic scores. Intelligence, 2016, 59, 103-108.	1.6	51
39	Meta-analysis of geneâ€“environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	5.8	104
40	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. Scientific Reports, 2016, 6, 25853.	1.6	80
41	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	3.3	110
42	Genetic risk for autism spectrum disorders and neuropsychiatric variation in the general population. Nature Genetics, 2016, 48, 552-555.	9.4	326
43	Common Genetic Variants Influence Whorls inÂFingerprint Patterns. Journal of Investigative Dermatology, 2016, 136, 859-862.	0.3	19
44	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. Behavior Genetics, 2016, 46, 170-182.	1.4	178
45	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. JAMA Psychiatry, 2015, 72, 642.	6.0	289
46	A genome-wide association study of body mass index across early life and childhood. International Journal of Epidemiology, 2015, 44, 700-712.	0.9	114
47	Shared Genetic Influences Between Attention-Deficit/Hyperactivity Disorder (ADHD) Traits in Children and Clinical ADHD. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 322-327.	0.3	75
48	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. Human Genetics, 2015, 134, 131-146.	1.8	24
49	Heritability and genome-wide analyses of problematic peer relationships during childhood and adolescence. Human Genetics, 2015, 134, 539-551.	1.8	13
50	Genome-wide association study of blood lead shows multiple associations near ALAD. Human Molecular Genetics, 2015, 24, 3871-3879.	1.4	28
51	The UK10K project identifies rare variants in health and disease. Nature, 2015, 526, 82-90.	13.7	1,014
52	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	1.4	109
53	Assumption-free estimation of the genetic contribution to refractive error across childhood. Molecular Vision, 2015, 21, 621-32.	1.1	36
54	Phenotypic Dissection of Bone Mineral Density Reveals Skeletal Site Specificity and Facilitates the Identification of Novel Loci in the Genetic Regulation of Bone Mass Attainment. PLoS Genetics, 2014, 10, e1004423.	1.5	134

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55	Genome Wide Association Identifies Common Variants at the SERPINA6/SERPINA1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. PLoS Genetics, 2014, 10, e1004474.	1.5	105
56	Genome-wide association study of height-adjusted BMI in childhood identifies functional variant inADCY3. Obesity, 2014, 22, 2252-2259.	1.5	86
57	Does Vitamin D Mediate the Protective Effects of Time Outdoors On Myopia? Findings From a Prospective Birth Cohort. Investigative Ophthalmology and Visual Science, 2014, 55, 8550-8558.	3.3	73
58	Common variation near ROBO2 is associated with expressive vocabulary in infancy. Nature Communications, 2014, 5, 4831.	5.8	82
59	Childhood intelligence is heritable, highly polygenic and associated with FNBP1L. Molecular Psychiatry, 2014, 19, 253-258.	4.1	241
60	Does Bone Resorption Stimulate Periosteal Expansion? A Cross-Sectional Analysis of Î²-C-telopeptides of Type I Collagen (CTX), Genetic Markers of the RANKL Pathway, and Periosteal Circumference as Measured by pQCT. Journal of Bone and Mineral Research, 2014, 29, 1015-1024.	3.1	24
61	Fraction of exhaled nitric oxide values in childhood are associated with 17q11.2-q12 and 17q12-q21 variants. Journal of Allergy and Clinical Immunology, 2014, 134, 46-55.	1.5	33
62	Resolving the Effects of Maternal and Offspring Genotype on Dyadic Outcomes in Genome Wide Complex Trait Analysis (â€œM-GCTAâ€). Behavior Genetics, 2014, 44, 445-455.	1.4	67
63	Variability in the common genetic architecture of social-communication spectrum phenotypes during childhood and adolescence. Molecular Autism, 2014, 5, 18.	2.6	53
64	Genetic Variation Associated with Differential Educational Attainment in Adults Has Anticipated Associations with School Performance in Children. PLoS ONE, 2014, 9, e100248.	1.1	31
65	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. Nature Genetics, 2013, 45, 902-906.	9.4	221
66	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. Human Molecular Genetics, 2013, 22, 2735-2747.	1.4	188
67	Common variation contributes to the genetic architecture of social communication traits. Molecular Autism, 2013, 4, 34.	2.6	34
68	Genomeâ€wide association study of shared components of reading disability and language impairment. Genes, Brain and Behavior, 2013, 12, 792-801.	1.1	95
69	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	2.6	139
70	Examination of the relationship between variation at 17q21 and childhood wheeze phenotypes. Journal of Allergy and Clinical Immunology, 2013, 131, 685-694.	1.5	66
71	Genome-wide association study identifies loci affecting blood copper, selenium and zinc. Human Molecular Genetics, 2013, 22, 3998-4006.	1.4	140
72	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318.	9.4	398

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73	Meta-analysis of genome-wide studies identifies WNT16 and ESR1 SNPs associated with bone mineral density in premenopausal women. Journal of Bone and Mineral Research, 2013, 28, 547-558.	3.1	87
74	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
75	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. Science, 2013, 340, 1467-1471.	6.0	750
76	A genome-wide association meta-analysis of self-reported allergy identifies shared and allergy-specific susceptibility loci. Nature Genetics, 2013, 45, 907-911.	9.4	232
77	Oppositionality and Socioemotional Competence: Interacting Risk Factors in the Development of Childhood Conduct Disorder Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 718-727.	0.3	23
78	Mining the Human Phenome Using Allelic Scores That Index Biological Intermediates. PLoS Genetics, 2013, 9, e1003919.	1.5	84
79	Common Variants in Left/Right Asymmetry Genes and Pathways Are Associated with Relative Hand Skill. PLoS Genetics, 2013, 9, e1003751.	1.5	129
80	Prenatal Methylmercury Exposure and Genetic Predisposition to Cognitive Deficit at Age 8 Years. Epidemiology, 2013, 24, 643-650.	1.2	59
81	Coordinated Genetic Scaling of the Human Eye: Shared Determination of Axial Eye Length and Corneal Curvature. , 2013, 54, 1715.		27
82	Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. Human Molecular Genetics, 2013, 22, 3807-3817.	1.4	84
83	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
84	A genome-wide association study for corneal curvature identifies the platelet-derived growth factor receptor Î± gene as a quantitative trait locus for eye size in white Europeans. Molecular Vision, 2013, 19, 243-53.	1.1	34
85	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607.	1.5	419
86	Meta-Analysis of Genome-Wide Scans for Total Body BMD in Children and Adults Reveals Allelic Heterogeneity and Age-Specific Effects at the WNT16 Locus. PLoS Genetics, 2012, 8, e1002718.	1.5	142
87	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	9.4	746
88	Common variants at 6q22 and 17q21 are associated with intracranial volume. Nature Genetics, 2012, 44, 539-544.	9.4	126
89	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
90	Time Outdoors and Physical Activity as Predictors of Incident Myopia in Childhood: A Prospective Cohort Study. , 2012, 53, 2856.		314

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91	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. Human Genetics, 2012, 131, 1467-1480.	1.8	67
92	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352
93	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192.	9.4	311
94	Genome-wide Association Study of Three-Dimensional Facial Morphology Identifies a Variant in PAX3 Associated with Nasion Position. American Journal of Human Genetics, 2012, 90, 478-485.	2.6	202
95	DNA Methylation Patterns in Cord Blood DNA and Body Size in Childhood. PLoS ONE, 2012, 7, e31821.	1.1	133
96	Links Between Co-occurring Social-Communication and Hyperactive-Inattentive Trait Trajectories. Journal of the American Academy of Child and Adolescent Psychiatry, 2011, 50, 892-902.e5.	0.3	76
97	Genome-Wide Population-Based Association Study of Extremely Overweight Young Adults â€“ The GOYA Study. PLoS ONE, 2011, 6, e24303.	1.1	105
98	Association of COMT Val108/158Met Genotype and Cigarette Smoking in Pregnant Women. Nicotine and Tobacco Research, 2011, 13, 55-63.	1.4	18
99	Association of Genetic Loci With Glucose Levels in Childhood and Adolescence. Diabetes, 2011, 60, 1805-1812.	0.3	103
100	Age- and puberty-dependent association between IQ score in early childhood and depressive symptoms in adolescence. Psychological Medicine, 2011, 41, 333-343.	2.7	28
101	Functional Gene Group Analysis Reveals a Role of Synaptic Heterotrimeric G Proteins in Cognitive Ability. American Journal of Human Genetics, 2010, 86, 113-125.	2.6	106
102	A Variant in LIN28B Is Associated with 2D:4D Finger-Length Ratio, a Putative Retrospective Biomarker of Prenatal Testosterone Exposure. American Journal of Human Genetics, 2010, 86, 519-525.	2.6	79
103	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. Nature Genetics, 2010, 42, 430-435.	9.4	223
104	Genome-Wide Association Meta-Analysis of Cortical Bone Mineral Density Unravels Allelic Heterogeneity at the RANKL Locus and Potential Pleiotropic Effects on Bone. PLoS Genetics, 2010, 6, e1001217.	1.5	69
105	Genome-Wide Association Study Reveals Multiple Loci Associated with Primary Tooth Development during Infancy. PLoS Genetics, 2010, 6, e1000856.	1.5	64
106	Association Between a High-Risk Autism Locus on 5p14 and Social Communication Spectrum Phenotypes in the General Population. American Journal of Psychiatry, 2010, 167, 1364-1372.	4.0	57
107	Perinatal folate-related exposures and risk of psychotic symptoms in the ALSPAC birth cohort. Schizophrenia Research, 2010, 120, 177-183.	1.1	16
108	The Moderating Role of Close Friends in the Relationship Between Conduct Problems and Adolescent Substance Use. Journal of Adolescent Health, 2010, 47, 35-42.	1.2	60

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109	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: Results of genome-wide association analyses including 4659 European individuals. Atherosclerosis, 2010, 208, 412-420.	0.4	146
110	Comparison of Methods for Combining Case-Control and Family-Based Association Studies. Human Heredity, 2009, 68, 106-116.	0.4	10
111	A Genome-Wide Association Study Reveals Variants in ARL15 that Influence Adiponectin Levels. PLoS Genetics, 2009, 5, e1000768.	1.5	148
112	Common variants in the region around Osterix are associated with bone mineral density and growth in childhood. Human Molecular Genetics, 2009, 18, 1510-1517.	1.4	117
113	Visuospatial working memory in children and adolescents with 22q11.2 deletion syndrome; an fMRI study. Journal of Neurodevelopmental Disorders, 2009, 1, 46-60.	1.5	32
114	Genetic variation in LIN28B is associated with the timing of puberty. Nature Genetics, 2009, 41, 729-733.	9.4	317
115	Strong evidence that GNB1L is associated with schizophrenia. Human Molecular Genetics, 2008, 17, 555-566.	1.4	64
116	Analysis of copy number variation using quantitative interspecies competitive PCR. Nucleic Acids Research, 2008, 36, e112-e112.	6.5	9
117	Effects of a functional COMT polymorphism on brain anatomy and cognitive function in adults with velo-cardio-facial syndrome. Psychological Medicine, 2008, 38, 89-100.	2.7	39
118	Data mining, neural nets, trees â€" Problems 2 and 3 of Genetic Analysis Workshop 15. Genetic Epidemiology, 2007, 31, S51-S60.	0.6	28
119	Analysis of ProDH, COMT and ZDHHC8 risk variants does not support individual or interactive effects on schizophrenia susceptibility. Schizophrenia Research, 2006, 87, 21-27.	1.1	39
120	Tbx1 haploinsufficiency is linked to behavioral disorders in mice and humans: Implications for 22q11 deletion syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7729-7734.	3.3	289
121	Identification of a potential Bipolar risk haplotype in the gene encoding the winged-helix transcription factor RFX4. Molecular Psychiatry, 2005, 10, 920-927.	4.1	24
122	Linkage disequilibrium mapping of bipolar affective disorder at 12q23-q24 provides evidence for association atCUX2 andFLJ32356. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 132B, 38-45.	1.1	24
123	No Association Between Schizophrenia and Polymorphisms in COMT in Two Large Samples. American Journal of Psychiatry, 2005, 162, 1736-1738.	4.0	75
124	Localization of Bipolar Susceptibility Locus by Molecular Genetic Analysis of the Chromosome 12q23-q24 Region in Two Pedigrees With Bipolar Disorder and Darierâ€™s Disease. American Journal of Psychiatry, 2005, 162, 35-42.	4.0	56
125	No Association Between the Putative Functional ZDHHC8 Single Nucleotide Polymorphism rs175174 and Schizophrenia in Large European Samples. Biological Psychiatry, 2005, 58, 78-80.	0.7	41